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SEQ ID NO: 423. cent determination de library, odour representation, ds	SEQ ID NO: 423.  cent determination de library; odour representation; ds an G, Fuchs T, Y	SEQ ID NO: 423. cent determination de library; odour representation; ds	SEQ ID NO: 423.  cent determination de library; odour representation; ds an G, Ruchs T, Y tides involved in ists and antagonis	SEQ ID NO: 423.  cent determination de library, odour representation; ds an G, Fuchs T, Y tides involved in ists and antagonis
SEQ ID NO: 423. cent determination de library, odour representation, ds	SEQ ID NO: 423.  cent determination de library; odour representation; ds an G, Fuchs T, Y	SEQ ID NO: 423.  cent determination de library; odour representation; ds an G, Fuchs T, Y	SEQ ID NO: 423.  cent determination; de library; odour receptor; representation; ds.  an G, Fuchs T, Yanai I;  tides involved in olfactory ists and antagonists.	SEQ ID NO: 423.  cent determination; de library; odour receptor; representation; ds.  an G, Fuchs T, Yanai I; tides involved in olfactory ists and antagonists.
SEQ ID NO: 423. cent determination de library; odour representation; ds	SEQ ID NO: 423.  cent determination de library, odour representation; ds an G, Fuchs T, Y	SEQ ID NO: 423. cent determination de library; odour representation; ds an G, Fuchs T, Y	SEQ ID NO: 423.  cent determination;  de library; odour receptor;  representation; ds.  an G, Fuchs T, Yanai I;  tides involved in olfactory ists and antagonists.	SEQ ID NO: 423.  cent determination;  de library; odour receptor;  representation; ds.  an G, Fuchs T, Yanai I;  tides involved in olfactory ists and antagonists.
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n be used in screening for olfactory agonists and antagonists. The thods allow for the determination of primary scents and the entification of the odour receptors used to detect these primary ents. The methods also enable determination of secondary scents and the subjication of combinations of odour receptors that are involved in presentation (also called a scent fingerprint or scent profile), which ye used to re-create and edit scents. Libraries of olfactory of the expensation with the receptors, and can be used for determining the interaction pattern of a mposition with the receptors, and can be used for determining flerences in the olfactory faculties of different individuals
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Mon Aug

Poperación 192

265 85 61 205 265 325 385 361 625 Query Match Matches 88888 g 원 В g 임 g g à g à ð ð g ò d ò g 8 à à ð 924 900 984 960 Human; cytostatic; neuroprotective; immunosuppressant; nootropic; anti-inflammatory; anti-viral; gastrointestinal; cardiovascular; cerebroprotective; G-coupled receptor; cell proliferative disease; lymphoma; leukaemia; breast cancer; cirrhosis; neurological disorder; stroke; Alzheimer's disease; multiple sclerosis; mental retardation; cardiovascular disease; ambrosclerosis; angina pectoris; indigestion; congestive heart failure; gastrointestinal disorder; dysphagia; AlDS; gastritis; autoimmune disorder; inflammatory disorder; Crohn's disease; systematic lugus arythematesus; metabolic disorder; diabetes; obesity; viral infection; herpesvirus; parvovirus; 841 GTTTATCTGCTTTTGCCACCTGCTCTTAATCCTGTGGTATATGGAGTTAAGACCAAACAG ATCCGTAAAAAGAGTTGTCAGGGTGTTTCAAAGTGGGCAGGGAATGGGCATCAAGGCATCT × ដ Thornton M, Human G-coupled receptor (GCREC) cDNA, Seg ID No 42. Griffin JA, M, Yao MG, Au-Young J; 25-MAY-2000; 2000US-0207476P. 02-JUN-2000; 2000US-0208834P. 02-JUN-2000; 2000US-0208861P. ABK16633 standard; cDNA; 966 22-MAY-2001; 2001WO-US016833 2000US-0209868P (INCY-) INCYTE GENOMICS INC Š Tribouley Gandhi AR, WPI; 2002-106199/14. GAG 987 GAG 963 WO200190359-A2. 07-JUN-2000; Patterson C, Kallick DA, Homo sapiens 22-MAY-2000; 901 985 196 ABKULT 9
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o i 204 180 264 240 384 360 444 420 504 480 564 540 624 009 684 099 744 720 960 144 120 324 804 780 900 864 924 84 9 301 GCACAGATGTTCTTCATTCATGCCTTCTGCATGCATGGATCCACTGTGCTACTACCATG GCACATATGTTCTTCATTCATGCCTTCTGCATGATGGAGTCCACTGTGCTACTGGCCATG 505 IGTCCCTTCTTTATTGGGCGTTTGAACTTCTGCCAAAGCCATGTGATCCTACACACGTAC GCCTTTGATCGCTACGTGGCCATCTGCCACCCCCTCCGCTATGCCACAATCCTCACTGAC GCCTTTGATCGCTACGTGGCCATCTGCCACCCACTCGCTATGCCACAATCCTCACTGAC 445 ACCATCATTGCCCACATAGGGGTGGCAGCTGTAGTGCGAGGCTCCCTGCTCATGCTCCCA 421 ACCATCATTGCCCACATAGGGGTGGCAGCTGTAGTGCGAGGCTCCCTGCTGCTCCTAGTCCCA 601 GGGCTGACAGCTGCACTGTTGGTCATTGGGGTTGACTTGTTTTTGCATTGGTCTCCTAT 661 GCCCTAAGTGCACAAGCTGTCCTTCGCCTCTAATCCCATGAAGCTCGGTCCAAGGCCCTA 841 GITTATCHGCTTTTHGCCACCHGCTCTTAATCCHGTGTATATGGAGTTAAGACCAACAG 901 ATCCGTAAAAGAGTTGTCAGGGTGTTCAAAGTGGGCAGGGAATGGGCATCAAGGCATCT 121 ATTGTGGGCAATATAAACTATTCTGGFTGTTGTTGCCACTGAACCAGTCTTGCACAAGCCT 181 GIGTACCTITITICIGIGCATGCTCTCAACCATCGACTIGGCTGCCTCTGTCTCCACAGTT TGTGAGCACATGGCTGTGAAGCTGGCCTGTGGAGACACCAGGCCTAACCGTGTAT GGGCTGACAGCTGCTCGTTGGTTCATTGGGGTTGACTTGGTTTTGCATTGGTCTCTCTAT 1 ATGGAATCTCCTAATCACACTGATGTTGATCCTTCTGTCTTCCTCCTCGGGGCATCCCA Generacianterariticalitates de la constante de GCCCTAATTGCACAAGCTGTCCTTCGCCTCTCATCCCATGAAGCTCGGTCCAAGGCCCTA GGGACCTGTGGTTCCCATGTCTGTGTCATCCTCATCTCTTATACACCAGCCCTCTTCTCC 721 GGGACCTGTGGTTCCCATGTCTGTCATCCTCATCTCTTATACACCAGCCCTCTTCTCC 781 TITITIACACACCGCTTTGGCCATCACGTTCCAGTCCATATTCACATTCTTTTGGCCAAT GTTTATCTGCTTTTGCCACCTGCTCTTAATCCTGTGGTATATGGAGTTAAGACCAAACAG **ATCCGTAAAAGAGTTGTCAGGGTGTTTCAAAGTGGGCAGGGAATGGGCATCAGGCATCT** 25 ATGGAATCTCCTCATCACACTGATGTTGACCCTTCTGTCTTCTTCCTCCTCCTGGGCATCCCA 145 ATTGTGGGCAATATAACTATTCTGGTTGTTGCCCACTGAACCAGTCTTGCACAAGCCT GTGTACCTTTTTCTGTGCATGCTCTCAACCATCGACTTGGCTGCCTCTGTCTCCACAGTT TTTTTTACACACCGCTTTGGCCATCACGTTCCAGTCCATATTCACATTCTTTTGGCCAAT Gaps obesity), or viral infections (e.g. infection by herpesvirus or parvovirus). ABK16615-ABK16637 represent novel human G-coupled coding sequences of the invention 0; Length 966; Sequence 966 BP; 182 A; 276 C; 217 G; 291 T; 0 U; 0 Other; Indels 96.9%; Score 956.6; DB 6; 99.6%; Pred. No. 4.1e-300; iive 0; Mismatches 4; Conservative Local Similarity tes 959; Conserv 685 745 805 865 g Db g g d ò à ò 8 ð

The invention relates to a novel human G-coupled receptor (1). (1) and its corresponding polymuclectides are useful for diagnosing, treating or preventing cell proliferative diseases (e.g. lymphoma, leukaemia, breast cancer or cirrhosis), neurological disorders (e.g. troke, Alzheimer's disease, multiple sclerosis or mental retardation), cardiovascular diseases (e.g. atherosclerosis, angina pectoris or congestive heart failure), gastrointestinal disorders (e.g. dysphagia, indigestion or gastritis), autoimmune/inflammacory disorders (e.g. AIDS, Crohn's disease or systemic lupus erythematosus) or metabolic disorders (e.g. diabetes or

proliferative (e.g. leukemia), neurological (e.g. stroke), cardiovascular or autoimmune/inflammatory disorders.

P-PSDB; AAU80511.

5; Page 146; 148pp; English

Claim

Appen owe As

us-10-081-775-1\_copy\_537\_1523.rng

985 GAG 987 à

GAG 963 196

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ABK68612 standard; DNA; 966 BP RESULT 10 ABK68612

(first entry) 02-JUL-2002 ABK68612;

Human DNA for olfactory and pheromone G protein-coupled receptor #212.

Human; ds; gene; olfactory and pheromone G protein coupled receptor; GPCR; tranquilizer; antidepressant; neuroleptic; endocrine; anabolic; anorectic; taste; fragrance; food additive; cosmetic; cell migration; sterility; psychotic disorder; neurological disorder; anxiety; schizophrenia; manic depression; depression; axonal growth; menstrual cycle; appetite sexual motivation; sexual attraction; aggression.

Homo sapiens.

WO200224726-A2.

28-MAR-2002.

21-SEP-2001; 2001WO-BE000162.

22-SEP-2000; 2000EP-00870211

(CHEM-) CHEMCOM SA

Veithen A;

WPI; 2002-330013/36. P-PSDB; AAU95725.

Novel pheromone G-protein coupled receptor and receptor-derived agonists, antagonists or inhibitors useful in food or cosmetic products or in the treatment or prevention of neurological disorders such as anxiety and schizophrenia.

Disclosure; Page 646-647; 833pp; English

The invention relates to olfactory and Pheromone G-protein coupled receptor (GPCR) or a protein 95% identical to the GPCR, a specific active portion and itse encoding polynucleotide. Also included are an agonist, antagonist or inhibitor of the GPCR or the polynucleotide, a vector comprising the polynucleotide, a cell transformed by the vector, a non-human mammal-comprising a partial or total deletion of the polynucleotide encoding the receptor and screening (detection and possibly, recovering) of compounds which are known or not known to be agonist, antagonists or inhibitors of natural compounds to the GPCR. The receptor-derived agonists, inhibitors or compounds are used as an improvement, elimination or substitution of an existing taste and/or a fragrance of (or in) the food and/or cosmetic products. They can also be used in the preparation of medicament in the treatment and/or prevention of a mammalian disorder, such as cell migration, sterility, psychotic and nerve regeneration for modulating male and female connection and nerve regeneration for modulating male and female behaviours, such as stimulation or suppression of appetite, sexual motivation, sexual attraction, aggression and for promoting or suppressing chemical communication between organisms. The present sequence is a human DNA encoding an olfactory and pheromone GPCR prevention or the treatment by stimulation of several mammalian

Sequence 966 BP; 182 A; 276 C; 217 G; 291 T; 0 U; 0 Other;

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Š	GGAATCTCCTCATCACACTGAT
QQ	CACACTGATGTTGACCCTTCTGTTTTTTTTTCTTCTTGGGCATCCCA 6
ر د د د	85 GGTCTGGAACAATTCATTTGTGGCTCTCACTCCCTGTGTGTG
g T	I GGICTGGGAACAATTICALTTGTGGCTCTCACCTCGTGTGTGGGCTTAGGCACACAGCCACA
۶۵ او	145 ATTGTGGGCAATATAACTATTCTGGTTGTTGTTGCCACTCAACCAGTCTTGCAAGGCT 204
3 8	A TITUTURE CONTINUENCE CONTINU
ž 8	81 GIGIACCTITITCIGIGCAIGCTCTCAACCAICGACTIGGCTGCCTCTCTCTCCACAGTT 24
ò	CCCAAGCTACTGGCTATCTTCTGGTGTGGAGCCGGACATATATCTGCCTCTGCCTG 32.
q	<u> CCAAGCTACTGGCTATCTGGTGTGGAGCCGGACATATATCTGCCTCTGCCTGC</u>
ò	325 GCACATAIGTICTICATICATGCCTICTGCATGAIGAGGAGTCCACTGTGCTACTGGCCATG 384
qq	AGAIGTICTICATICATGCCTICTGCATGAIGGAGTCCACTGTGCTACTGGCCATG 36
ζζ	385 GCCTTTGATCGCTACGTGGCCATCTGCCACTCCGCTATGCCACAATCCTCACTGAC 444
οqα	TITIGATCGCTACGTGGCCATCTGCCACTCCGCTATGCCACAATCCTCACTGAC 42
ò	445 ACCATCATTGCCCACATAGGGGTGGCAGCTGTAGTGCGAGGCTCCCTGCTCATGCTCCA 504
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ò	505 IGTCCCTTCTTTATTGGGCGTTTGAACTTCTGCCAAAGCCATGTGATCCTACACGCGTAC 564
අු	CTTCCTTATTGGGCGTTTGAACTTCTGCCAAGCCATGTGATCCTACACGCGTAC 54
È	565 TGTGAGCACATGGGTGAGGGGGCTGTGGAGACACCAGGCCTAACCGTGTGTAT 624
QQ	BAGCACATGGCTGTGGTGAAGCTGGCCTGTGGAGACACCAGGCCTAACCGTGT
ζō	625 GGGCTGACAGCTGCACTGTTGGGGTTGACTTGTTTTGCATTGGTCTCCCTAT 684
ΩÞ	CTGACAGCTGCACTGTTCATTGGGGTTGACTTGTTTTGCATTGGTCTCTCTA
λΌ	685 GCCCTAATTGCACAAGCTGTCCTTCGCCTCTCATCCCATGAAGCTCCGTCCAAGGCCCTA 744
ΩÞ	recrrecer
ογ	745 GGGACCTGTGGTTCCCATGTCTGTGTCATCCTCATCTTATACACCAGCCCTCTTCTCC 804
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Š	805 ITTITIACACACCGCTITIGGCCAICACGTICCAGATTCACATTCTTITIGGCCAAT 864
QQ	
δō	865 GTTTATCTGCTTTTGCCACCTGCTCTAATCCTGTGGTATATGGAGTTAAGACCAAACAG 924
DP	CTGCTTTTGCCACCTGCTCTTAATCCTGTGGTATATGGAGTTAAGAC
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qq	CGTAAAAGAGTTGTCAGGGTGTTTCAAAGTGGGCAGGGAATGGGCATCAAGG
δλ	985 GAG 987
ପୁର	961 GAG 963